

Project Title	Funding	Strategic Plan Objective	Institution
Development of a novel biomarker test for autism risk screening	\$363,789	Q1.S.A	Xen Biofluidx, Inc.
Regressive autism as an infectious disease: Role of the home as an environmental factor	\$0	Q3.S.I	VA Medical Center, Los Angeles
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	\$0	Q1.L.B	University of Southern California
Altered placental tryptophan metabolism: A crucial molecular pathway for the fetal programming of neurodevelopmental disorders	\$0	Q2.S.A	University of Southern California
Factors influencing early associative learning as a precursor to social behavior heterogeneity	\$54,500	Q2.S.G	University of Southern California
HCC:Small:Computational studies of social nonverbal communication	\$0	Q2.Other	University of Southern California
Biology of non-coding RNAs associated with psychiatric disorders	\$430,144	Q2.Other	University of Southern California
Function and structure adaptations in forebrain development	\$520,098	Q2.Other	University of Southern California
Perinatal exposure to airborne pollutants and associations with autism phenotype	\$149,737	Q3.S.C	University of Southern California
Non-coding RNAs in autism	\$246,000	Q3.Other	University of Southern California
HCC-Medium: Personalized socially-assistive human-robot interaction: Applications to autism spectrum disorder	\$8,000	Q4.Other	University of Southern California
Innovative Adaptation & Dissemination of CER Products: Autism (iADAPT-ASD)	\$469,826	Q5.L.A	University of Southern California
Partnership for Research and Dissemination of Evidence-Based Medicine in Autism	\$299,965	Q5.L.A	University of Southern California
Engineering and Autism Workshop	\$0	Q7.K	University of Southern California
A Longitudinal EEG Study of Infants at Risk for Autism: Network Capacity Building (Phase I)	\$359,738	Q1.L.A	University of North Carolina
GENETIC AND DIAGNOSTIC BIOMARKER DEVELOPMENT IN ASD TODDLERS USING RESTING STATE FUNCTIONAL MRI	\$273,772	Q1.L.B	University of California San Diego
The UC Davis Center for Children's Environmental Health and Disease Prevention	\$1,660,178	Q3.L.D	University of California - Davis
Using fMRI to understand the Neural Mechanisms of Pivotal Response Treatment	\$29,500	Q2.L.B	University of California, Santa Barbara
Training paraprofessionals to provide appropriate social opportunities for children with ASD	\$9,296	Q5.L.C	University of California, Santa Barbara
Autism and the RASopathies	\$0	Q1.S.B	University of California, San Francisco
ERK signaling and autism: Biomarker development	\$2,405	Q1.L.B	University of California, San Francisco
Linking circuit dynamics and behavior in a rat model of autism	\$0	Q2.S.D	University of California, San Francisco
Role of myelinating cells in autism spectrum disorders	\$60,000	Q2.S.G	University of California, San Francisco

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A gene-driven systems approach to identifying autism pathology	\$249,874	Q2.S.G	University of California, San Francisco
Simons Variation in Individuals Project (VIP) Core Neuroimaging Support Site	\$434,182	Q2.S.G	University of California, San Francisco
Simons Variation in Individuals Project (VIP) Functional Imaging Site	\$1,142,798	Q2.S.G	University of California, San Francisco
Refining the Tourette Syndrome phenotype across diagnoses to aid gene discovery	\$417,271	Q2.Other	University of California, San Francisco
Characterizing the regulatory pathways and regulation of AUTS2	\$0	Q2.Other	University of California, San Francisco
Deciphering the function and regulation of AUTS2	\$0	Q2.Other	University of California, San Francisco
A novel transplantation assay to study human PTEN ASD alleles in GABAergic interneurons	\$60,000	Q2.Other	University of California, San Francisco
Role of negative regulators of FGF signaling in frontal cortex development and autism	\$15,000	Q2.Other	University of California, San Francisco
Pathologic and genetic characterization of novel brain cortical patches in young autistic brains	\$53,000	Q2.Other	University of California, San Francisco
Regulation of Interneuron Development in the Cortex and Basal Ganglia by Coup-TF2	\$0	Q2.Other	University of California, San Francisco
4/4 The Autism Sequencing Consortium: Autism gene discovery in >20,000 exomes	\$759,778	Q3.S.A	University of California, San Francisco
Dissecting expression regulation of an autism GWAS hit	\$15,000	Q3.L.B	University of California, San Francisco
Quantitative analysis of effect of autism-related genes on behavioral regulation	\$0	Q4.S.B	University of California, San Francisco
Insight into MeCP2 function raises therapeutic possibilities for Rett syndrome	\$277,269	Q4.S.B	University of California, San Francisco
Effect of abnormal calcium influx on social behavior in autism	\$62,500	Q4.S.B	University of California, San Francisco
Testing brain overgrowth and synaptic models of autism using NPCs and neurons from patient-derived iPS cells	\$0	Q4.S.B	University of California, San Francisco
Internet-based trial of omega-3 fatty acids for autism spectrum disorder	\$0	Q4.S.C	University of California, San Francisco
Early Identification of ASD: Translating eye Tracking into Practice	\$387,500	Q1.S.B	University of California, San Diego
Are autism spectrum disorders associated with leaky-gut at an early critical period in development?	\$292,221	Q1.L.A	University of California, San Diego
MRI studies of early brain development in autism	\$468,100	Q1.L.A	University of California, San Diego
INT2-Large: Collaborative research: Developing social robots	\$0	Q1.Other	University of California, San Diego
Relating copy number variants to head and brain size in neuropsychiatric disorders	\$399,146	Q2.S.G	University of California, San Diego

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Neural basis of cross-modal influences on perception	\$163,755	Q2.Other	University of California, San Diego
Atypical architecture of prefrontal cortex in young children with autism	\$149,715	Q2.Other	University of California, San Diego
Using fruit flies to map the network of autism-associated genes	\$124,996	Q2.Other	University of California, San Diego
Influence of attention and arousal on sensory abnormalities in ASD	\$186,000	Q2.Other	University of California, San Diego
Development of the functional neural systems for face expertise	\$461,095	Q2.Other	University of California, San Diego
Kinetics of drug macromolecule complex formation	\$687,969	Q2.Other	University of California, San Diego
Stimulus preceding negativity and social stimuli in autism spectrum disorder	\$28,580	Q2.Other	University of California, San Diego
The role of germline mutation and parental age in autism spectrum disorders	\$743,939	Q3.S.C	University of California, San Diego
Mutations in noncoding DNA and the missing heritability of autism	\$124,987	Q3.L.B	University of California, San Diego
Adapting an Evidence-Based Program for Infants and Toddlers at High Risk for Autism	\$364,194	Q4.L.D	University of California, San Diego
Wireless EEG system for training attention and eye movement in ASD	\$214,722	Q4.Other	University of California, San Diego
Effectiveness and implementation of a mental health intervention for ASD	\$627,203	Q5.L.A	University of California, San Diego
Successful transition in the early school years for children with autism	\$1	Q5.Other	University of California, Riverside
Predicting the decline of social attention in infants at risk for autism	\$179,388	Q1.L.A	University of California, Los Angeles
ACE Center: Neural assays and longitudinal assessment of infants at very high risk for ASD	\$173,955	Q1.L.A	University of California, Los Angeles
Neural predictors of language function after intervention in children with autism	\$181,103	Q1.L.B	University of California, Los Angeles
Validity of an anxious subtype in autism spectrum disorders	\$53,270	Q1.L.B	University of California, Los Angeles
Investigation of sex differences associated with autism candidate gene, Cyfip1	\$32,413	Q2.S.B	University of California, Los Angeles
The role of Fox-1 in neurodevelopment and autistic spectrum disorder	\$145,757	Q2.S.D	University of California, Los Angeles
ACE Center: Neuroimaging signatures of autism: Linking brain function to genes and behavior	\$178,857	Q2.S.G	University of California, Los Angeles
ACE Center: Genetic and genomic analyses to connect genes to brain to cognition in ASD	\$241,951	Q2.S.G	University of California, Los Angeles
Electrophysiologic biomarkers of language function in autism spectrum disorders	\$28,600	Q2.L.B	University of California, Los Angeles

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A functional genomic analysis of the cerebral cortex	\$486,802	Q2.Other	University of California, Los Angeles
Modeling multiple heterozygous genetic lesions in autism using Drosophila melanogaster	\$201,838	Q2.Other	University of California, Los Angeles
Genetic models of autism in human neural progenitor cells: a platform for therapeutic discovery	\$54,400	Q2.Other	University of California, Los Angeles
Cytoplasmic functions of Rbfox1, a candidate autism gene	\$231,000	Q2.Other	University of California, Los Angeles
Optogenetic treatment of social behavior in autism	\$385,000	Q2.Other	University of California, Los Angeles
Abnormal connectivity in autism	\$15,000	Q2.Other	University of California, Los Angeles
A Role for Cytoplasmic Rbfox1/A2BP1 in Autism	\$0	Q2.Other	University of California, Los Angeles
Genome-wide expression profiling data analysis to study autism genetic models	\$0	Q3.S.A	University of California, Los Angeles
Rapid phenotyping for rare variant discovery in autism	\$661,281	Q3.S.A	University of California, Los Angeles
ACE Network: Autism Genetics, Phase II: Increasing representation of human diversity	\$162,535	Q3.S.D	University of California, Los Angeles
ACE Network: Autism Genetics, Phase II: Increasing representation of human diversity	\$3,005,916	Q3.S.D	University of California, Los Angeles
Epigenetic and transcriptional dysregulation in autism spectrum disorder	\$748,775	Q3.S.J	University of California, Los Angeles
A genome-wide search for autism genes in the SSC UCLA	\$0	Q3.L.B	University of California, Los Angeles
Simons Simplex Collection support grant	\$30,000	Q3.L.B	University of California, Los Angeles
Parental age and schizophrenia susceptibility	\$308,000	Q3.L.D	University of California, Los Angeles
Anxiety treatment for children with autism and intellectual disability	\$27,460	Q4.S.A	University of California, Los Angeles
Mechanism and treatment of ASD related behavior in the Cntnap2 knockout mouse model	\$60,000	Q4.S.B	University of California, Los Angeles
Exploring VIPR2 microduplication linkages to autism in a mouse model	\$60,000	Q4.S.B	University of California, Los Angeles
Role of Caspr2 (CNTNAP2) in brain circuits - Project 2	\$0	Q4.S.B	University of California, Los Angeles
Daily ratings of ASD Symptoms with digital media devices: An initial validity study	\$150,000	Q4.S.C	University of California, Los Angeles
Autism Intervention Research Network on Behavioral Health (AIR-B network)	\$1,608,284	Q4.S.D	University of California, Los Angeles
1/3-Multisite RCT of early intervention for spoken communication in autism	\$515,167	Q4.S.F	University of California, Los Angeles
ACE Network: Adaptive interventions for minimally verbal children with ASD in the community	\$2,546,852	Q4.S.G	University of California, Los Angeles
ACE Center: Augmenting language interventions for ASD: A translational approach	\$269,087	Q4.L.A	University of California, Los Angeles

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ACE Center: Targeting joint engagement in infants at risk for ASD: Integrating treatment with biomarkers	\$269,695	Q4.L.B	University of California, Los Angeles
3/4-RUPP Autism Network: Guanfacine for the treatment of hyperactivity in PDD	\$200,372	Q4.L.C	University of California, Los Angeles
Effectiveness of a virtual coach application in social skills training for teens with ASD	\$30,000	Q4.L.D	University of California, Los Angeles
Cognitive behavioral therapy for core autism symptoms in school-age children	\$150,000	Q4.L.D	University of California, Los Angeles
Deployment focused model of JASPER for preschoolers with autism spectrum disorders	\$288,364	Q4.L.D	University of California, Los Angeles
Fast-as -new experimental medicine studies: Fast-fail trials in autism spectrum	\$2,312,083	Q4.Other	University of California, Los Angeles
Treatment of Autism Symptoms in Children (TASC): Initial RCT with active control	\$369,600	Q4.Other	University of California, Los Angeles
ACE Center: Research Education and Training Core	\$220,437	Q7.K	University of California, Los Angeles
ACE Center: Administrative Core	\$199,003	Q7.Other	University of California, Los Angeles
ACE Center: Neuroimaging/Neurophysiology Core	\$181,369	Q7.Other	University of California, Los Angeles
ACE Center: Diagnostic and Recruitment Core	\$225,220	Q7.Other	University of California, Los Angeles
Fast-as -new experimental medicine studies: Fast-fail trials in autism spectrum	\$172,388	Q7.Other	University of California, Los Angeles
BDNF and the restoration of synaptic plasticity in fragile X and autism	\$449,134	Q2.S.D	University of California, Irvine
Cortactin and spine dysfunction in fragile X	\$32,875	Q2.S.D	University of California, Irvine
Dual modulators of GABA-A and Alpha7 nicotinic receptors for treating autism	\$0	Q2.Other	University of California, Irvine
Integrative functions of the planum temporale	\$432,343	Q2.Other	University of California, Irvine
a-Actinin Regulates Postsynaptic AMPAR Targeting by Anchoring PSD-95	\$0	Q2.Other	University of California, Davis Medical Center University of California, Davis
Neurobehavioral Analysis Core	\$130,658	Q1.S.B	University of California, Davis
Development of a prospective video-based measure to identify ASD risk in infancy	\$576,204	Q1.S.B	University of California, Davis
Development of a Prospective Parent Report Measure to Identify ASD Risk in Infancy	\$150,000	Q1.S.B	University of California, Davis
Infants at risk of autism: A longitudinal study	\$551,100	Q1.L.A	University of California, Davis
A Centralized Standard Database for the Baby Siblings Research Consortium	\$117,851	Q1.L.A	University of California, Davis
Epigenetic biomarkers of autism in human placenta	\$0	Q1.L.A	University of California, Davis
Electrophysiological correlates of cognitive control in autism	\$127,805	Q1.L.B	University of California, Davis

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Analyses of brain structure and connectivity in young children with autism	\$222,933	Q1.L.B	University of California, Davis
IL-1beta and IL1RAPL1: Gene-environment interactions regulating synapse density and function in ASD	\$28,600	Q2.S.A	University of California, Davis
Project 3: Immune environment interaction and neurodevelopment	\$109,725	Q2.S.A	University of California, Davis
Convergence of immune and genetic signaling pathways in autism and schizophrenia	\$29,430	Q2.S.A	University of California, Davis
Mechanism of UBE3A imprint in neurodevelopment	\$7,869	Q2.S.D	University of California, Davis
The role of MeCP2 in Rett syndrome	\$344,213	Q2.S.D	University of California, Davis
Genotype-phenotype relationships in fragile X families	\$565,457	Q2.S.D	University of California, Davis
Language development in fragile X syndrome	\$509,862	Q2.S.D	University of California, Davis
Alteration of Dendrite and Spine Number and Morphology in Human Prefrontal Cortex of Autism	\$25,000	Q2.S.D	University of California, Davis
Amygdala connectivity in autism spectrum disorder	\$52,580	Q2.L.A	University of California, Davis
Experience and cognitive development in infancy	\$0	Q2.Other	University of California, Davis
Synchronous activity in networks of electrically coupled cortical interneurons	\$0	Q2.Other	University of California, Davis
Project 4: Calcium signaling defects in autism (Pessah/Lein)	\$109,730	Q2.Other	University of California, Davis
The neural substrates of higher-level learning in autism	\$221,760	Q2.Other	University of California, Davis
Typical and pathological cellular development of the human amygdala	\$369,600	Q2.Other	University of California, Davis
Cellular density and morphology in the autistic temporal human cerebral cortex	\$352,346	Q2.Other	University of California, Davis
a-Actinin Regulates Postsynaptic AMPAR Targeting by Anchoring PSD-95	\$0	Q2.Other	University of California, Davis
Autism risk, prenatal environmental exposures, and pathophysiologic markers	\$1,759,913	Q3.S.C	University of California, Davis
The CHARGE study: childhood autism risks from genetics and the environment	\$1,151,250	Q3.S.C	University of California, Davis
Environmental exposure unveils mitochondrial dysfunction in autism	\$60,000	Q3.S.E	University of California, Davis
UC Davis Center for Children's Environmental Health (CCEH) Bridge	\$0	Q3.S.F	University of California, Davis
Gestational metabolic conditions and autism	\$77,000	Q3.S.H	University of California, Davis
Gestational exposure questionnaire validation and feasibility study	\$20,262	Q3.S.H	University of California, Davis
Defining the underlying biology of gastrointestinal dysfunction in autism	\$0	Q3.S.I	University of California, Davis

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Project 2: Perinatal epigenetic signature of environmental exposure	\$105,416	Q3.S.J	University of California, Davis
Methylomic and genomic impacts of organic pollutants in Dup15q syndrome	\$338,560	Q3.S.J	University of California, Davis
Exploring interactions between folate and environmental risk factors for autism	\$153,615	Q3.S.J	University of California, Davis
The role of serotonin in social bonding in animal models	\$0	Q3.S.K	University of California, Davis
Project 1: Epidemiology and the environment in autism (Hertz-Picciotto)	\$158,613	Q3.L.D	University of California, Davis
Effects of chronic intranasal oxytocin	\$526,020	Q4.S.B	University of California, Davis
Preclinical Autism Consortium for Therapeutics	\$94,331	Q4.S.B	University of California, Davis
Preclinical Autism Consortium for Therapeutics (PACT)	\$200,894	Q4.S.B	University of California, Davis
Characterization of brain and behavior in 7q11.23 duplication syndrome-Project 1	\$90,713	Q4.S.B	University of California, Davis
16p11.2 deletion mice: autism-relevant phenotypes and treatment discovery	\$200,000	Q4.S.B	University of California, Davis
ACE Network: Intervention effects of intensity and delivery style for toddlers with ASD	\$3,118,971	Q4.S.D	University of California, Davis
Strengthening the effects of parent-implemented early intervention to improve symptoms of ASD	\$253,534	Q4.S.D	University of California, Davis
Identifying markers for treatment response to cognitive training in autism spectrum disorders	\$560,000	Q4.S.F	University of California, Davis
Controlled trial of sertraline in young children with Fragile X Syndrome	\$285,943	Q4.L.A	University of California, Davis
Virtual reality applications for the study of attention and learning in children with autism and ADHD	\$384,185	Q4.L.D	University of California, Davis
Expanding the reach of toddler treatment in autism	\$18,569	Q4.L.D	University of California, Davis
Training Community Providers to Implement an Evidence-Based Early Intervention Program	\$149,569	Q4.Other	University of California, Davis
Economic burden of current and future autism	\$60,000	Q6.L.D	University of California, Davis
Biological Analysis Core	\$121,545	Q7.J	University of California, Davis
Interdisciplinary training for autism researchers	\$250,479	Q7.K	University of California, Davis
Facility Core: Analytical and Environmental Chemistry	\$110,972	Q7.Other	University of California, Davis
Administrative Core/Leadership	\$90,193	Q7.Other	University of California, Davis
Inhibitory mechanisms for sensory map plasticity in cerebral cortex	\$316,453	Q2.Other	University of California, Berkeley
Neural mechanisms of tactile sensation in rodent somatosensory cortex	\$246,278	Q2.Other	University of California, Berkeley

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A multidimensional database for the Simons Simplex Collection	\$149,396	Q7.Other	Univeristy of California, Los Angeles
Use of Real Time Video Feedback to Enhance Special Education Teacher Training	\$5,000	Q5.L.C	UCSD
Project CAT (Comprehensive Autism Teaching)	\$0	Q5.L.C	Touro University
A stem cell based platform for identification of common defects in autism spectrum disorders	\$0	Q2.S.D	The Scripps Research Institute - California
Cell adhesion molecules in CNS development	\$515,850	Q2.Other	The Scripps Research Institute - California
Leading Excellence for Academic Positions in Special Education (LEAPS)	\$249,990	Q7.K	The Regents Of The University Of California -- Graduate School Of Education - Graduate School Of Education
Using induced-pluripotent stem cells to study Phelan McDermid Syndrome	\$0	Q4.S.B	Stanford University School of Medicine
Solid-state patch clamp platform to diagnose autism and screen for effective drug	\$196,247	Q1.S.A	Stanford University
Mobilized technology for rapid screening and clinical prioritization of ASD	\$63,535	Q1.S.B	Stanford University
A functional near-infrared spectroscopy study of first signs of autism	\$67,573	Q1.L.A	Stanford University
A monkey model of naturally occurring low sociability	\$222,461	Q1.Other	Stanford University
GABRB3 and placental vulnerability in ASD	\$523,820	Q2.S.A	Stanford University
GABRB3 and prenatal immune events leading to autism	\$62,500	Q2.S.A	Stanford University
Neurobiology of RAI1, the causal gene for Smith-Magenis syndrome	\$62,314	Q2.S.D	Stanford University
Revealing protein synthesis defects in fragile X syndrome with new chemical tools	\$337,091	Q2.S.D	Stanford University
Longitudinal MRI study of brain development in fragile X	\$748,506	Q2.S.D	Stanford University
Restoring cortical plasticity in a Rett mouse model	\$60,000	Q2.S.D	Stanford University
Mesocorticolimbic dopamine circuitry in mouse models of autism	\$349,295	Q2.S.D	Stanford University
Characterizing sleep disorders in autism spectrum disorder	\$75,107	Q2.S.E	Stanford University
A neuroimaging study of twin pairs with autism	\$599,326	Q2.S.G	Stanford University
Imaging-based real-time feedback to enhance therapeutic intervention in ASD	\$59,825	Q2.L.B	Stanford University
Face perception: Mapping psychological spaces to neural responses	\$0	Q2.Other	Stanford University
Function and dysfunction of neuroligins in synaptic circuits	\$450,000	Q2.Other	Stanford University
Role of neurexin in synapse formation and maintenance	\$53,942	Q2.Other	Stanford University



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Investigating the role of neurexin-1 mutation in autism using human induced neuro	\$49,214	Q2.Other	Stanford University
Brain Systems Supporting Learning and Memory in Children with Autism	\$173,607	Q2.Other	Stanford University
Frontostriatal synaptic dysfunction in a model of autism	\$52,190	Q2.Other	Stanford University
Mathematical cognition in autism: A cognitive and systems neuroscience approach	\$610,784	Q2.Other	Stanford University
Structural and functional connectivity of large-scale brain networks in autism	\$168,978	Q2.Other	Stanford University
Function of neurexins	\$461,977	Q2.Other	Stanford University
Role of CNTNAP2 in neuronal structural development and synaptic transmission	\$55,200	Q2.Other	Stanford University
CLARITY: circuit-dynamics and connectivity of autism-related behavior	\$248,468	Q2.Other	Stanford University
Exploring the neuronal phenotype of autism spectrum disorders using induced pluri	\$180,391	Q4.S.B	Stanford University
16p11.2 deletion mice: Autism-relevant phenotypes and treatment discovery	\$200,000	Q4.S.B	Stanford University
Biomarker discovery for low sociability: A monkey model	\$62,500	Q4.S.B	Stanford University
Association of cholinergic system dysfunction with autistic behavior in fragile X syndrome: Pharmacologic and imaging probes	\$0	Q4.L.A	Stanford University
The role of vasopressin in the social deficits of autism	\$235,500	Q4.L.A	Stanford University
Randomized controlled trial of oxytocin treatment for social deficits in children with autism	\$53,600	Q4.L.A	Stanford University
Factors associated with positive outcomes for children and youth with autism: Secondary analysis of data from SEELS and NLTS2	\$357,724	Q4.L.D	SRI International
Predictors of success in postsecondary STEM education and employment for students with autism	\$231,970	Q6.S.A	SRI International
Project Common Ground: Preparing highly qualified speech-language pathologists to meet the communication needs of children with autism spectrum disorder in diverse settings	\$249,585	Q5.L.C	San Francisco State University
Collaborative partnerships	\$0	Q5.L.C	San Francisco State University
Novel Proteomics Approach to Oxidative Posttranslational Modifications Underlying Anxiety and Autism Spectrum Disorders	\$0	Q3.S.E	Sanford Burnham Medical Research Center
Transdisciplinary approaches to autism spectrum disorders	\$299,930	Q5.Other	San Diego State University Research Foundation
Personnel development to improve services and results for children with disabilities	\$299,999	Q5.L.C	San Diego State University Foundation

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Multimodal imaging of social brain networks in ASD	\$148,945	Q2.Other	San Diego State University
Examining connectivity patterns of brain networks participating in social cognition in ASD	\$0	Q2.Other	San Diego State University
Linking local activity and functional connectivity in autism	\$360,142	Q2.Other	San Diego State University
Thalamocortical connectivity in children and adolescents with ASD-A combined fMRI and DTI approach	\$28,600	Q2.Other	San Diego State University
Developing the autism model of implementation for ASD community providers	\$185,333	Q5.L.A	San Diego State University
Sustaining evidence-based practice for young learners with autism spectrum disorders through a M.A. degree program	\$0	Q5.Other	San Diego State University
Project Surfboard: Sustaining Practices by Specialists on Autism Spectrum Disorder	\$250,000	Q5.Other	San Diego State University
Dissecting neural mechanisms integrating multiple inputs in C. elegans	\$477,449	Q2.Other	Salk Institute for Biological Studies
Testing brain overgrowth and synaptic models of autism using NPCs and neurons from patient-derived iPS cells	\$0	Q4.S.B	Salk Institute for Biological Studies
Examining the efficacy of classroom pivotal response teaching in classroom environments	\$655,691	Q4.S.D	Rady Children's Hospital Health Center
Assessing the Cognitive Deficits Associated with 16p11.2 Deletion Syndrome	\$59,734	Q2.S.G	Posit Science Corporation
FMR 1-SLS: Improving fragile X diagnosis using amplification-free single locus ta	\$149,176	Q1.S.B	Pacific Biosciences Of California, Inc.
Making Connections: White Matter Malformation in Developmental Disorders Conference	\$10,000	Q7.K	National Organization for Disorders of the Corpus Callosum
Denritic Cell Function in Autism	\$26,920	Q2.S.A	MIND Institute
Air pollution, MET genotype and ASD risk: GxE Interaction in the EMA Study	\$150,000	Q3.S.C	Kaiser Permanente
Prenatal and neonatal biologic markers for autism	\$725,197	Q3.S.C	Kaiser Foundation Research Institute
Prevalence and patterns of medical co-morbidity and healthcare use before ASD diagnoses in children	\$149,999	Q3.S.E	Kaiser Foundation Research Institute
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - California	\$1,050,000	Q3.L.D	Kaiser Foundation Research Institute
Illumina, Inc.	\$556,250	Q3.L.B	Illumina, Inc.
Optimization of fidelity procedures for pivotal response training in autism	\$186,772	Q5.L.A	Children's Hospital Research Center
ADAPTING ELECTRONIC MEDICAL RECORD TO MEASURE MEDICAL OUTCOMES IN ASD POPULATIONS	\$138,957	Q7.Other	CHILDREN'S HOSPITAL RESEARCH CENTER
An open resource for autism iPSCs and their derivatives	\$545,118	Q7.D	Children's Hospital of Orange County
Functional consequences of disrupted MET signaling	\$0	Q4.S.B	Children's Hospital Los Angeles

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Autism Treatment Network (ATN) 2011- Children's Hospital Los Angeles	\$140,000	Q7.N	Children's Hospital Los Angeles
Training & research for autism & collaboration in kinesiology	\$250,000	Q5.Other	Chico Research Foundation
An exploration of genetic and behavioral variables in Autism Spectrum Disorder	\$30,800	Q3.S.A	Center for Autism and Related Disorders (CARD)
Validity of the CARD Indirect Functional Analysis.	\$45,000	Q4.S.C	Center for Autism and Related Disorders (CARD)
Randomized trial of a web-based system for building Individualized Education Plans.	\$33,250	Q4.S.C	Center for Autism and Related Disorders (CARD)
Using eLearning to train educational staff to implement paired-choice preference assessments	\$66,500	Q4.S.C	Center for Autism and Related Disorders (CARD)
Comparing table based instruction with Ipad instruction in the teaching of receptive labels.	\$33,250	Q4.S.C	Center for Autism and Related Disorders (CARD)
The effects of behavioral intervention on neurological measures of working memory	\$55,000	Q4.S.F	Center for Autism and Related Disorders (CARD)
Teaching children with autism to identify others' knowledge	\$13,650	Q4.L.D	Center for Autism and Related Disorders (CARD)
Teaching children with autism to deal with jealousy constructively	\$22,750	Q4.L.D	Center for Autism and Related Disorders (CARD)
Teaching children with autism self-monitoring skills	\$22,400	Q4.L.D	Center for Autism and Related Disorders (CARD)
Teaching children with autism to detect deception	\$21,000	Q4.L.D	Center for Autism and Related Disorders (CARD)
Design and evaluation of a motion-sensing computer program for teaching children with autism	\$23,100	Q4.L.D	Center for Autism and Related Disorders (CARD)
Increasing flexibility in children with autism	\$24,500	Q4.L.D	Center for Autism and Related Disorders (CARD)
Teaching children with autism to identify social saliency: Shifting attention	\$14,700	Q4.L.D	Center for Autism and Related Disorders (CARD)
Teaching children with autism to respond to subtle social cues: Desires	\$24,500	Q4.L.D	Center for Autism and Related Disorders (CARD)
Response interruption and redirection for stereotypy	\$9,800	Q5.L.A	Center for Autism and Related Disorders (CARD)
Randomized trial of a web-based system for building behavior intervention plans	\$45,500	Q5.L.A	Center for Autism and Related Disorders (CARD)
Validity of a web-based indirect Skills Assessment	\$65,500	Q5.L.A	Center for Autism and Related Disorders (CARD)
Evaluation of the effects of web-based support on teacher self-efficacy	\$23,100	Q5.L.A	Center for Autism and Related Disorders (CARD)
Improving maintenance procedures in early intensive behavioral intervention (EIBI)	\$28,000	Q5.L.C	Center for Autism and Related Disorders (CARD)
Finding and keeping the best: A rural regional partnership for recruiting and retaining teachers for children with low incidence disabilities	\$0	Q5.Other	California State University Chico Research Foundation
Collaboration of Autism Specialists Training (COAST) Program	\$0	Q5.Other	California State Los Angeles University Auxiliary Services, Inc.

Project Title	Funding	Strategic Plan Objective	Institution
The mechanism of the maternal infection risk factor for autism	\$150,000	Q2.S.A	California Institute of Technology
Single-unit recordings in neurosurgical patients with autism	\$56,900	Q2.S.E	California Institute of Technology
Direct recording from autism brains	\$120,148	Q2.S.E	California Institute of Technology
CAREER: Dissecting the neural mechanisms for face detection	\$0	Q2.Other	California Institute of Technology
Autism and the insula: Genomic and neural circuits	\$0	Q2.Other	California Institute of Technology
The computational basis of theory of mind in the human brain	\$130,695	Q2.Other	California Institute of Technology
Investigating brain organization and activation in autism at the whole-brain level	\$30,000	Q2.Other	California Institute of Technology
Investigating the gut microbiome for novel therapies and diagnostics for autism	\$558,136	Q3.S.I	California Institute of Technology

